

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <div style="text-align: center; font-size: 1.2em;">E 96</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">JV0155</div>		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03/23/09</div>			
	General Location: <b>Mt Ararat Farm @ Frenchtown, Port Deposit</b>		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">E096</div>		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">E096</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>		Project Number: <div style="text-align: center; font-size: 1.2em;">GPS-</div>		Station Serial # (SSN): <div style="text-align: center; font-size: 1.2em;">D</div>		Session ID: (A,B,C etc)		
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b>		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <b>RAYMOND G. CRAMER JR</b>		
Actual Start <b>15:10</b> Stop <b>15:45</b>		Elevation Mask = _____ Degrees		GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: ( ) <b>(410) 297-2340</b>		
e-mail address: <b>JShaw@gwstephens.com</b>								
Receiver Brand & Model: <b>TRIMBLE 4800</b>  P/N: <b>32119-56</b> S/N: <b>0220160896</b> Firmware Version:		Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N Circle Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N Yes or No Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N		Antenna radome used? <input checked="" type="radio"/> Y <input type="radio"/> N If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N Use Any obstructions above 10'? <input checked="" type="radio"/> Y <input type="radio"/> N Vis. form Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> N		
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.						
Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <b>S&amp;CO</b> P/N: <b>5119-00-FLY</b> S/N: Last Adjustment date:		<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters      Feet		After Session Ends: Meters      Feet		
Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:		<b>A=</b> Datum point to Top of Tripod (Tripod Height)		<div style="text-align: center;">2.000      6.562</div>		<div style="text-align: center;">2.000      6.562</div>		
		<b>B=</b> Additional offset to ARP if any (Tribrach/Spacer)		<div style="text-align: center;">0.000      0.000</div>		<div style="text-align: center;">0.000      0.000</div>		
		<b>H=</b> Antenna Height = <b>A + B</b> <b>=</b> Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center;">2.000      6.562</div>		<div style="text-align: center;">2.000      <b>6.562</b></div>		
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Note &/or sketch <b>ANY</b> unusual conditions. Be <b>Very Explicit</b> as to where and how Measured!				
Barometer (if used) Brand & Model:  S/N:		Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit   Celsius	WetBulb Temp Fahrenheit   Celsius	Rel. % Humidity	Atm. Pressure inches Hg   millibar
		Before	00000	15:10				
		Middle	00000	15:30				
		After	00000	15:45				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="font-size: 1.2em; margin-top: 20px;">PICTURES #5+6</div>								
Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.								
Data File Name(s): (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension				Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached			LOG CHECKED BY:	
<b>Table of Weather Codes</b>	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND		
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)		
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph		
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)		
Examples:      00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind								